

In the Claims

1. (Original) A flame retardant metalized fabric article comprising:
 - a) a polymer fabric substrate having a reverse side and an obverse side;
 - b) a conductive metal layer on one side of the substrate; and
 - c) a flame-retardant coating intermediate the conductive metal layer and the polymeric fabric substrate.
2. (Original) An article as in Claim 1 having an Underwriter Laboratories very thin material (VTM) vertical burn test rating of zero.
3. (Original) An article as in Claim 1 having a surface resistance of less than one ohm/sq.
4. (Original) An article as in Claim 1 wherein said flame-retardant is applied directly to only said obverse side of said polymer fabric substrate.
5. (Original) An article as in Claim 1 wherein said flame-retardant comprises a film-forming carrier and a halogenated or non-halogenated flame-retardant additive uniformly distributed in the carrier.
- 5 6. (Original) An article as in Claim ~~5~~¹ wherein said flame-retardant comprises a layer about one mil thick.
- 6 7. (Original) An article as in Claim ~~5~~¹ wherein said flame retardant additive is alumina trihydrate.
- 7 8. (Original) An article as in Claim 1 wherein said metal layer is a vapor deposited metal layer of about 3000Å.
9. (Original) An article as in Claim 8 wherein said metal layer comprises a first adhesive metal layer applied directly to said flame-retardant layer, a second conductive metal layer and a third abrasion resistant surface layer.

- 8 10. (Currently Amended) An article as in Claim 9 wherein said adhesive metal is a 100 to 250Å thick layer selected from the group consisting of ~~Nichrome~~ a nochel-chrome alloy, chrome, ~~Inconel~~ an iron-chrome-nickel alloy and titanium.
- 9 11. (Original) An article as in Claim 9 wherein said conductive metal is a 2000Å to 3000Å thick layer of a conductive metal selected from the group consisting of copper, gold, silver and platinum.
- 10 12. (Currently Amended) An article as in Claim 9 wherein said abrasion resistant surface layer is a 100Å to 250Å thick layer selected from the group consisting of nickel, aluminum, iron, tin or zirconium, ~~Inconel~~, ~~Nichrome~~ an iron-chrome-nickel alloy, a nickel-chrome alloy and carbon.
- 11 13. (Original) An article as in Claim 1 wherein said fabric is a woven or non-woven rip-stock fabric selected from the group consisting of nylon, polyester and acrylic fabrics.
- 12 14. (Original) An article as in Claim 1 including a flame-retardant coating applied directly to both said reverse and obverse sides of said polymeric fabric substrate and said metal layer is on only said obverse side.
- 13 15. (Original) An article as in Claim 4 wherein said flame-retardant comprises melamine or neoprene.
- 14 16. (Original) A conductive metalized flame-retardant fabric article comprising:
- a) a woven or non-woven polymeric fabric;
 - b) a flame-retardant coating applied directly to a surface of said fabric, said coating comprising a flame-retardant material uniformly disposed in a film forming polymeric liquid wherein said liquid is applied directly to one surface of said fabric and is dried, cured or polymerized *in situ* to form a coating about one mil thick on said fabric surface;
 - c) a vapor deposited conductive metal coating applied to said flame-retardant coating; and
 - d) said article having an Underwriter Laboratories very thin material (VTM) vertical burn test rating of zero and a surface resistance of less than one ohm/sq.

15. (Original) An article as in Claim 16 wherein said conductive metal coating includes two layers of said conductive metal disposed on either side of a dielectric layer.

18-20 Cancelled